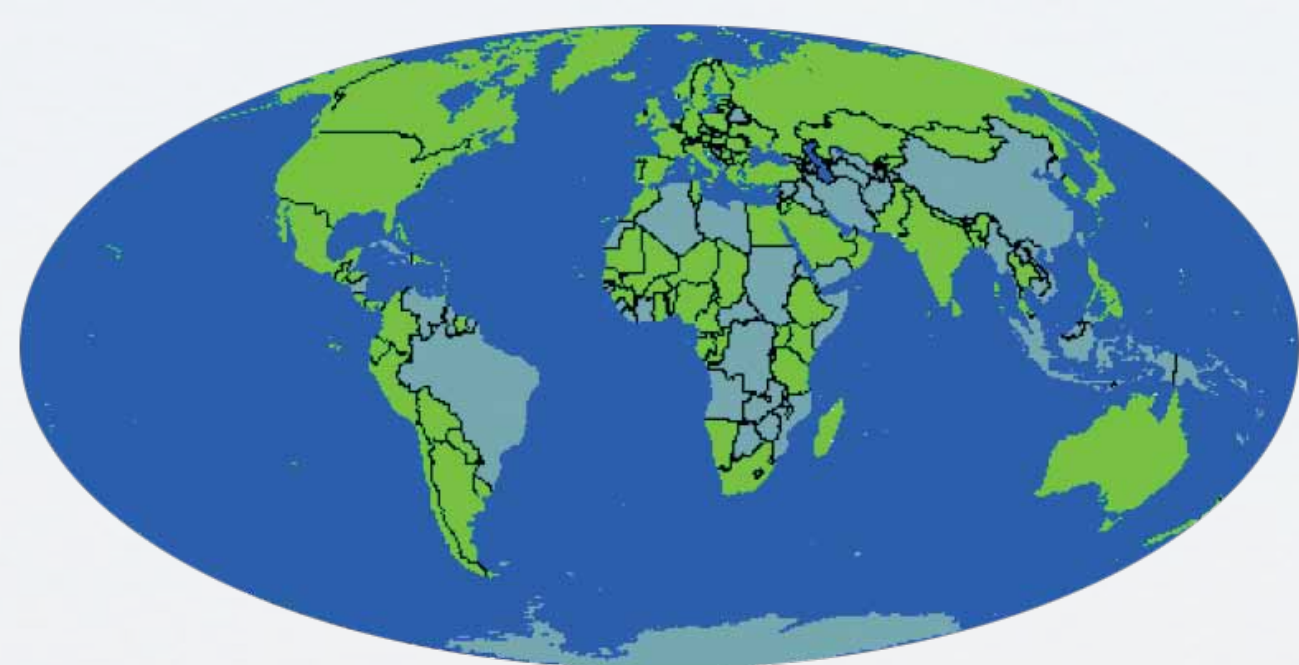


THE GLOBE PROGRAM

GLOBE is an international science and education program that brings together students, teachers, and scientists to improve student achievement in science, increase environmental awareness, and contribute to understanding Earth System Science.

GLOBE AROUND THE WORLD



Over one million GLOBE students, in thousands of schools located in more than 111 countries, have reported over 22 million environmental data.

ESSENTIAL ELEMENTS

- Provides a bridge between the Earth System Science and Education communities
- Involves students in authentic local, regional, and global scientific research
- Builds the capacity of future scientists, mathematicians, and technologists
- Enables schools to be part of a world-wide community
- Provides materials in the 6 U.N. languages

GLOBE PARTNER COUNTRIES & ORGANIZATIONS

- Recruit GLOBE schools
- Train GLOBE teachers
- Mentor GLOBE students
- Support environmental projects of local and regional interest

WHY GLOBE?

- Provides well tested standardized protocols for collecting data in atmosphere, hydrology, soils, land cover and phenology:
- Many protocols and learning activities are relatively inexpensive and require little equipment
- Many protocols are excellent for malaria research, e.g., air, water and soil temperatures; precipitation; pH of rain, soil and water; reative humidity; and water quality measurements
- Many GLOBE measurements are used as ground-based observations for satellite missions such as Aura, CALIPSO, CloudSat, and LandSat
- Creates a forum for scientists to interact with and mentor students and teacher
- Allows connections with broad network of ministries, U.S. government institutions, NGO's and universities

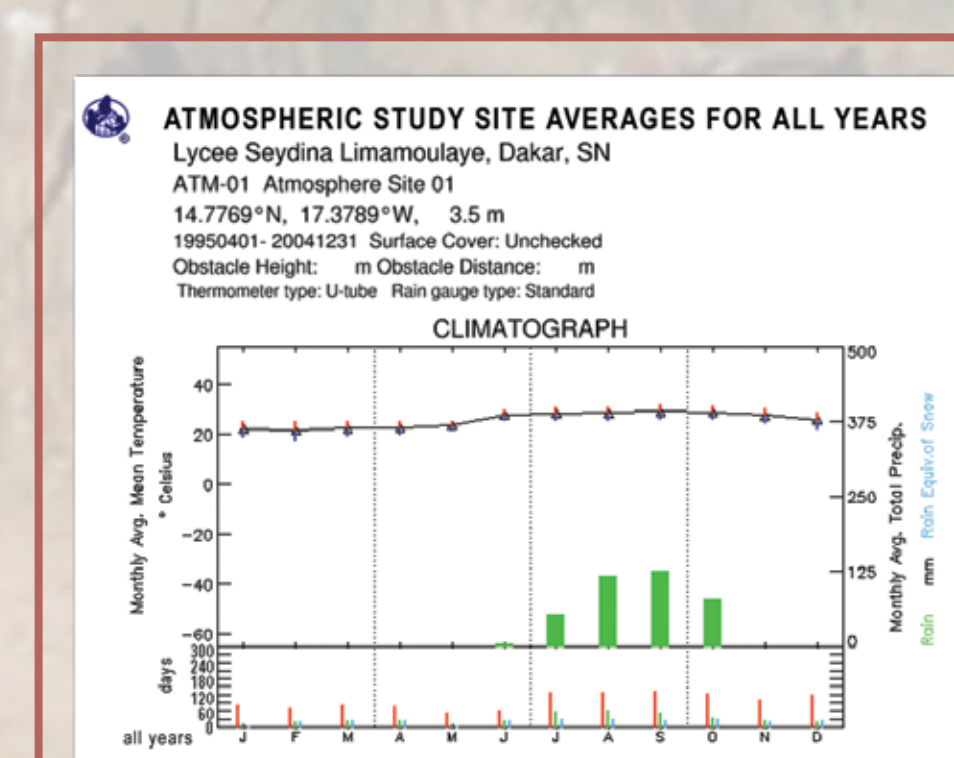


GLOBE SUPPORTS MALARIA RESEARCH, OUTREACH AND EDUCATION

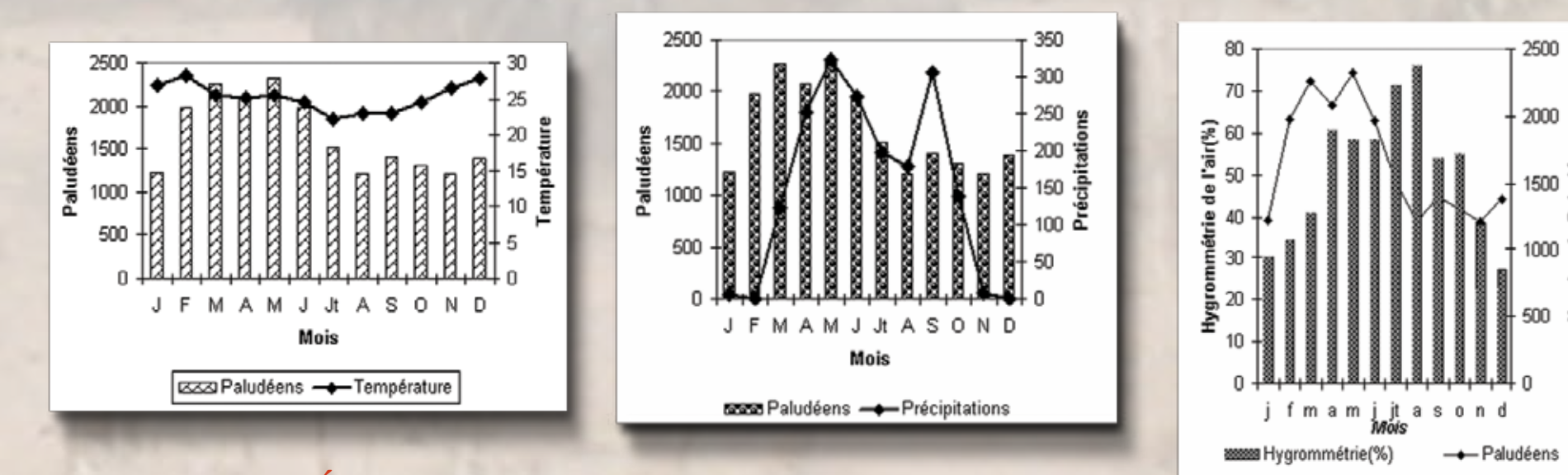
by providing a network of schools and institutions that can provide environmental data while promoting community-based education and outreach for malaria topics.

EXAMPLES OF MALARIA-RELATED ACTIVITIES INVOLVING GLOBE SCHOOLS

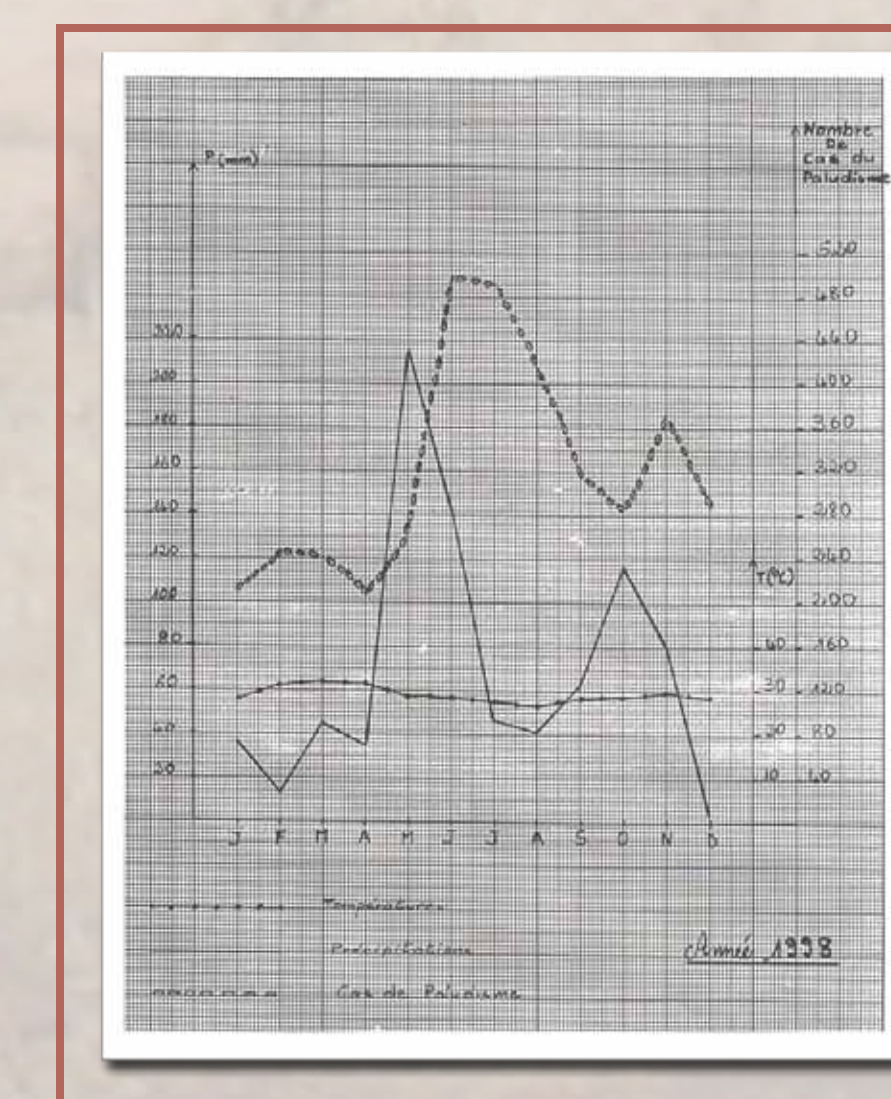
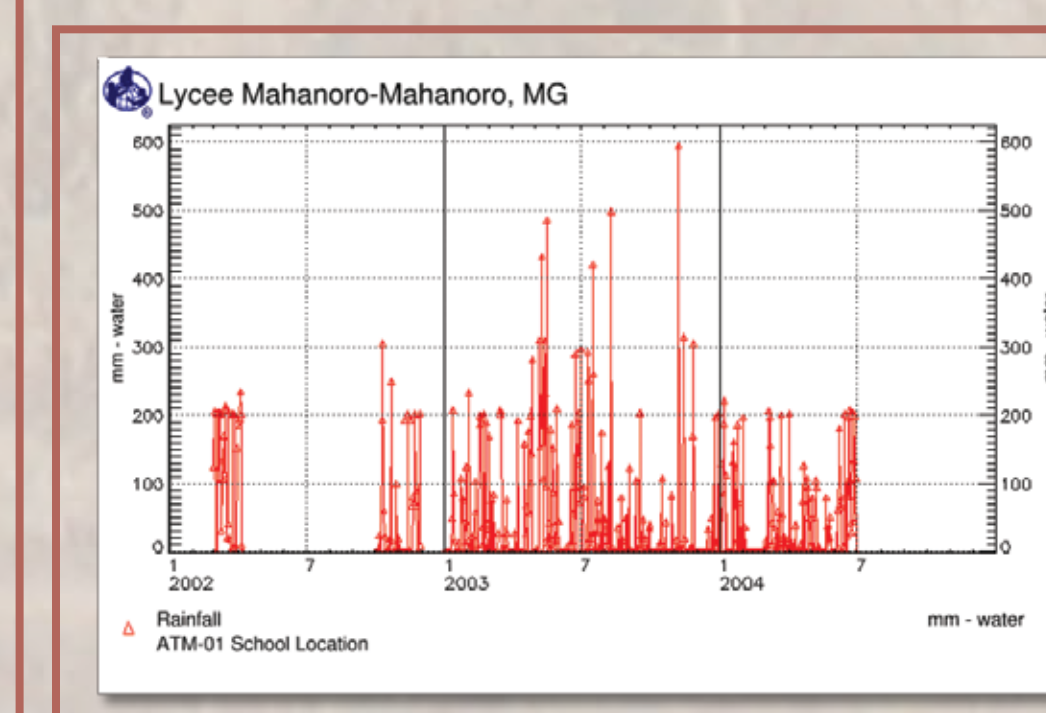
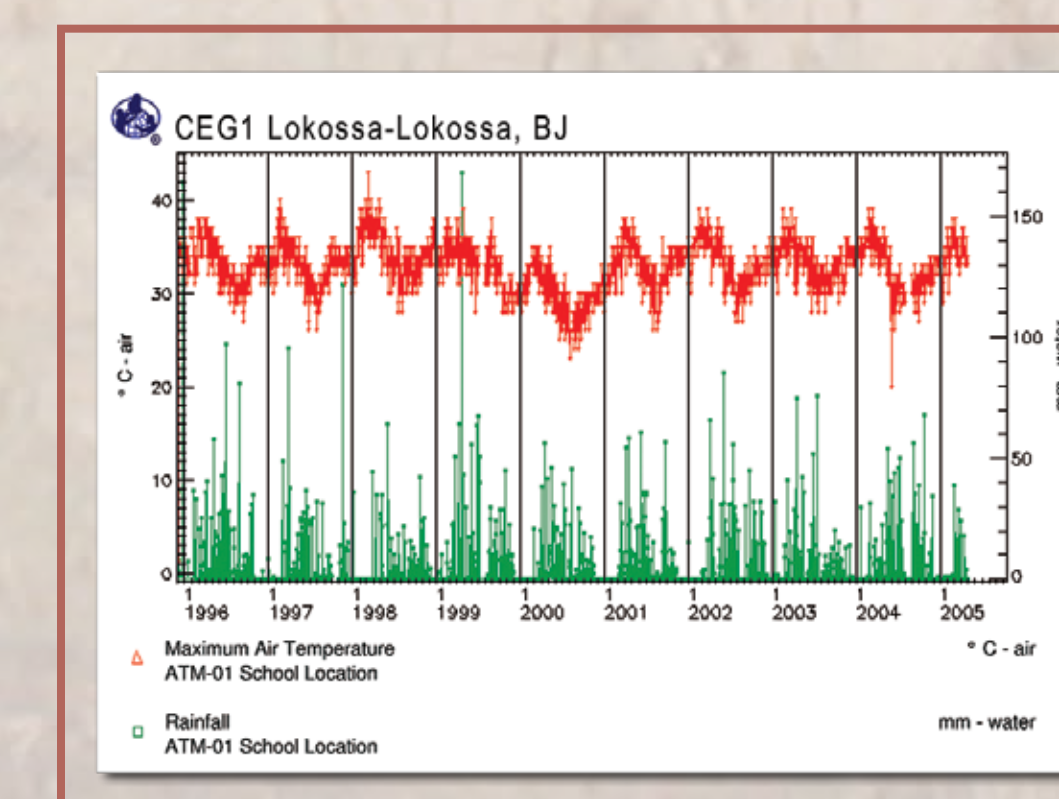
- Student research exploring relationships between environmental factors and the occurrence of malaria
- Madagascar scientists developing mosquito larvae collection and identification protocols for GLOBE schools
- Thailand scientist developing similar identification protocols for student-based dengue studies



VARIATIONS SAISONNIERES ET MORBIDITE PALUSTRE A BAFOUSSAM, VILLE DES HAUTES TERRES DE L'OUEST -CAMEROUN



LYCEE TECHNIQUE DE BAFOUSSAM



CEG1 LOKOSSA, LOKOSSA, BENIN

The GLOBE Program
Global Learning and Observations to Benefit the Environment
University Corporation for Atmospheric Research

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